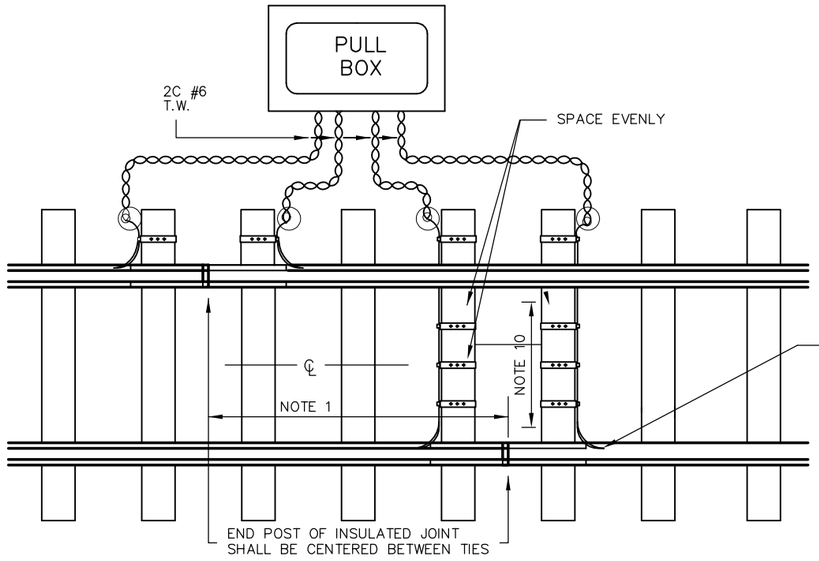
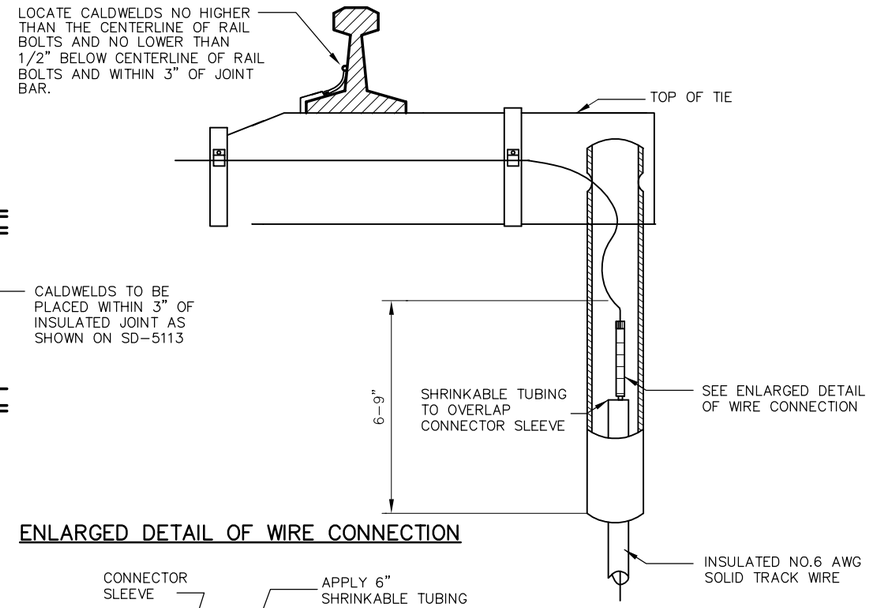


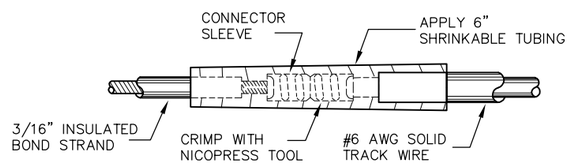
ENLARGED DETAIL OF BOOTLEG



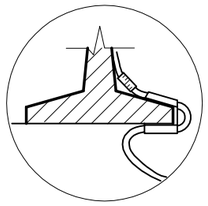
NOTES:

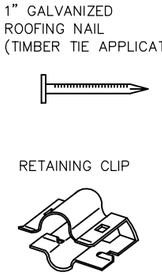
1. INSULATED JOINTS SHALL BE STAGGERED A MINIMUM 4 FT. 8 IN. MAXIMUM 10 FT. MEASURED FROM THE END POST TO END POST
2. SPLICE FLEX TRACK WIRE TO SOLID TRACK WIRE USING COMPRESSION SLEEVE. MATERIALS USED TO SEAL SPLICE SHALL PROVIDE, AT A MINIMUM, THE INSULATING QUALITIES AS THE TRACK WIRE COVERING
3. NO MORE THAN 1 PAIR OF WIRES SHALL PASS THROUGH A BOOTLEG HOSE
4. WHERE TIMBER TIES ARE PRESENT, WIRE CLAMP SHALL BE ATTACHED TO TIE USING 1-1/2 INCH GALVANIZED ROOFING NAIL. TIE STRAP SHALL NOT BE USED
5. TRACK WIRE RETAINING CLIPS SHALL BE USED TO SECURE TRACK WIRE TO RAIL
6. TOP OF BOOTLEG SHALL BE SEALED WITH DUCT SEAL
7. BOOTLEG TO BE 1-7/8 IN. INSIDE DIAMETER AIR HOSE
8. WIRES SHALL FOLLOW CONTOUR OF TIE AND RAIL WITH NO EXCESS SLACK
9. TRACK CIRCUIT RAIL CONNECTORS SHALL BE 3/16 INCH STRANDED BRONZE CONDUCTOR, 1 INCH TAP FOR WELD CONNECTION ON ONE END AND COMPRESSION SLEEVE ON THE OTHER END FOR A DIRECT CRIMP TYPE CONNECTION TO THE TRACK WIRE, SHALL HAVE A NOMINAL LENGTH OF 4 INCHES
10. RETAINING CLIPS SHALL BE EVENLY SPACED. CENTER MIDDLE CLIP AND THEN SPLIT THE DIFFERENCE TO DETERMINE THE SPACING OF THE REMAINING CLIPS
11. BOND SIGNAL TRACK WIRES CLOSEST TO INSULATED JOINT IN ORDER TO MAXIMIZE BROKEN RAIL DETECTION

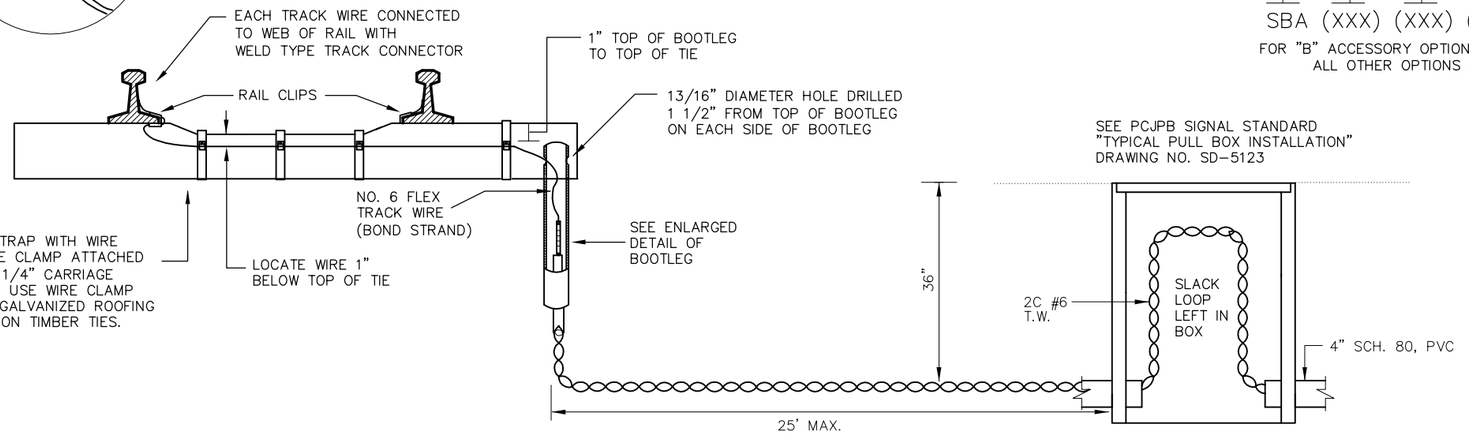
ENLARGED DETAIL OF WIRE CONNECTION



TRACK WIRE RETAINER CLIP APPLICATION

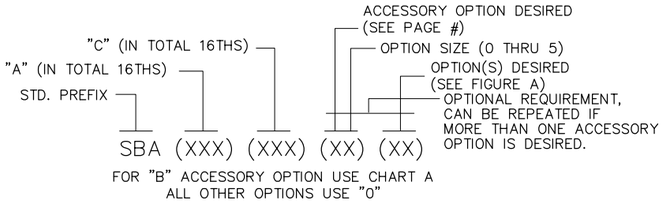






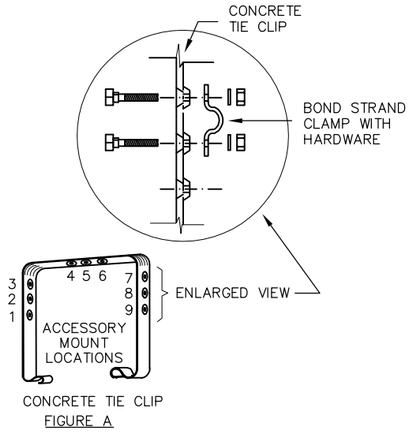
TECHNICAL/ORDERING INFORMATION FOR CONCRETE TIE CLIPS

PART NUMBER LOGIC



CODE	DIA.
0	3/4"
1	1"
2	1-1/4"
3	1-1/2"
4	1-3/4
5	2

CHART A



CONCRETE TIE CLIP
FIGURE A

REV	DATE	BY	CHK	APP	DESCRIPTION

PENINSULA CORRIDOR JOINT POWERS BOARD

APPROVED BY:

ENGINEERING MANAGER

DEPUTY DIRECTOR OF ENGINEERING

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STANDARD DRAWINGS

SIGNAL AND COMMUNICATION
GENERAL SIGNAL
TRACK WIRES
TYPICAL TRACK WIRES LAYOUT

CADD FILE NO.: SD-5110

REV: 0 | DATE: 093011

SIGNAL

STANDARD NO.: SD-5110